This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims

Claim 1 (Currently amended): A method comprising:

reading at least a subset of audio content comprising an audio file from optical media removably integrated with an optical drive, wherein the reading comprises:

reading a sector of audio content, wherein the reading of the sector is based on amplitude information of the sector;

determining whether additional sector reads of the audio content are necessary, based on a particular read size of the optical drive; and

iteratively repeating the reading step using different sizes, if it is determined if the additional sector reads are necessary ;

analyzing at least the read subset of audio content to quantify optical drive read accuracy of the audio content, comrprising

comparing a first bundle of audio content from one sector of audio content to a second bundle of audio content from the one sector; and

measuring a difference in amplitude between the first bundle and the second bundle to quantify intra-sector misalignment; and

generating one or more metrics of optical drive read accuracy based, at least in part, on the analysis of the read subset of audio content.

Claim 2 (Canceled)

Claim 3 (Canceled)

Claim 4 (Previously presented): A method according to claim 3, wherein analyzing the audio content further comprises:

comparing a last bundle of audio content from one sector of audio content to a first bundle of audio content from a subsequent sector of audio content; and

measuring an amplitude difference between the bundles to quantify inter-sector misalignment.

Claim 5 (Original): A method according to claim 4, wherein the subsequent bundle is immediately adjacent to the first bundle.

Claim 6 (Original): A method according to claim 4, further comprising:

adjusting one or more operational settings associated with the optical drive based, at least in part, on the intra- and/or inter-sector misalignment.

Claim 7 (Original): A method according to claim 4, wherein analyzing the audio content further comprises:

comparing data associated with a left channel of a bundle with data associated with a right channel of the bundle; and

measuring an amplitude difference between the left channel and the right channel to quantify a channel offset.

Claim 8 (Original): A method according to claim 7, further comprising:

adjusting one or more operational settings associated with the optical drive based, at least in part, on the intra-sector misalignment and/or the channel offset.

Claim 9 (Currently amended): A method according to claim 1, wherein analyzing the audio content further comprises:

comparing a last bundle of audio content from one sector ~~of a block~~ of audio content to a first bundle of audio content from a subsequent sector of ~~the block of~~ audio content; and one or more of:

measuring an amplitude difference between the bundles to quantify inter-sector misalignment.

measuring an amplitude difference between data associated with a left channel of a bundle and data associated with a right channel of the bundle to quantify channel offset.

Claim 10 (Previously presented): A method according to claim 1, wherein analyzing the audio content comprises:

comparing audio content within and between two adjacent sectors to quantify one or more of intra-sector misalignment, inter-sector misalignment and/or channel offset metrics.

Claim 11 (Currently amended): A computer readable medium comprising of executable instructions, the executable instructions comprising:

reading at least a subset of audio content comprising an audio file from optical media removably integrated with an optical drive, wherein the reading comprises:

reading a sector of audio content;

determining whether additional sector reads of the audio content are necessary, based on a particular read size of the optical drive; and

determining whether additional sector reads are necessary; and

iteratively repeating the reading step using different sizes, if it is determined if the additional sector reads are necessary ;

analyzing at least the read subset of audio content to quantify optical drive read accuracy of the audio content; and

generating one or more metrics of optical drive read accuracy based, at least in part, on the analysis of the read subset of audio content.

reading a sector of audio content, wherein the reading of the sector is based on amplitude information of the sector;

determining whether additional sector reads of the audio content are necessary, based on a particular read size of the optical drive; and

Claims 12-15 (Canceled)

Claim 16 (New): A method according to claim 1, wherein the reading of the sector based on amplitude information of the sector, is based known a priori amplitude information.

Claim 17 (New): A method according to claim 16, wherein the a priori amplitude information is compared to a theoretically correct amplitude.

Claim 18 (New): The computer readable medium of claim 11, wherein analyzing the audio content comprises:

comparing a first bundle of audio content from one sector of audio content to a second bundle of audio content from the one sector; and

measuring a difference in amplitude between the first bundle and the second bundle to quantify intra-sector misalignment.

Claim 19 (New): The computer readable medium of claim 18, wherein analyzing the audio content further comprises:

comparing a last bundle of audio content from one sector of audio content to a first bundle of audio content from a subsequent sector of audio content; and

measuring an amplitude difference between the bundles to quantify inter-sector misalignment.

Claim 20 (New): The computer readable medium of claim 19, wherein the subsequent bundle is immediately adjacent to the first bundle.

Claim 21 (New): The computer readable medium of claim 19, further comprising:

adjusting one or more operational settings associated with the optical drive based, at least in part, on the intra- and/or inter-sector misalignment.

Claim 22 (New): The computer readable medium of claim 19, wherein analyzing the audio content further comprises:

comparing data associated with a left channel of a bundle with data associated with a right channel of the bundle; and

measuring an amplitude difference between the left channel and the right channel to quantify a channel offset.

Claim 23 (New): The computer readable medium of claim 22, further comprising:

adjusting one or more operational settings associated with the optical drive based, at least in part, on the intra-sector misalignment and/or the channel offset.

Claim 24 (New): The computer readable medium of 11, wherein analyzing the audio content further comprises:

comparing a last bundle of audio content from one sector of audio content to a first bundle of audio content from a subsequent sector of audio content; and one or more of:

measuring an amplitude difference between the bundles to quantify inter-sector misalignment.

measuring an amplitude difference between data associated with a left channel of a bundle and data associated with a right channel of the bundle to quantify channel offset.

Claim 25 (New): The computer readable medium of claim 11, wherein the reading of the sector is based on amplitude information of the sector.